UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region 9 75 Hawthorne Street

San Francisco, CA 94105



BRIEFING MEMO

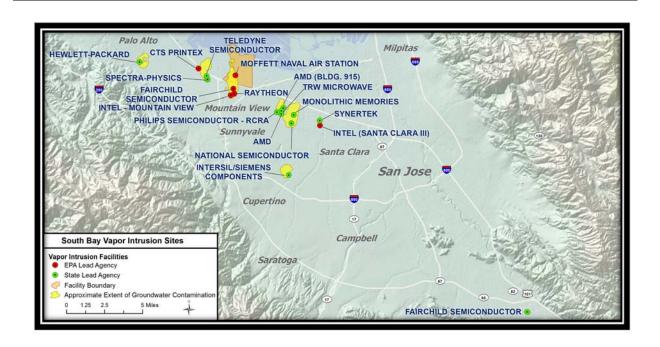
DATE: April 22, 2014

SUBJ: South Bay Sites VI Update

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TO: Caleb Shaffer, Chief, California Site Cleanup Section I

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Main Issue – EPA Region 9 support to Regional Board as RPs challenge Regional Board's "Workplan Requirement Letters" (citing EPA Region 9's TCE short-term information & supplemental VI guidance)

Timeline -

- Ongoing Residential and commercial indoor air sampling in various stages at the South Bay Sites
- October 30th 2013 Enrique & project team meet with HP/Varian group at EPA SF
- December 3rd 2013 EPA issues South Bay Sites Letter (VI/TCE) to Regional Water Board & Regional Board subsequently issues individual Workplan Requirement Letters to South Bay Site RPs, citing EPA guidelines
- April 17th 2014 Multiple RPs request meeting with Enrique to discuss EPA Region 9's South Bay Sites Letter

SOUTH BAY SITES AT A GLANCE

Site Name	Vapor Intrusion Investigation Summary
Triple Site:	AMD – On-property building tested. Low level of VI occurring but under
Former AMD 901/902, TRW	screening levels. Long-term O&M plan in discussions.
Microwave, and Phillips	
Combined Superfund Sites and Off-Site Operable Unit	TRW – On-property building being tested. Prospective purchaser.
(Sunnyvale)	Off-Site Operable Unit – Currently annual testing at one nearby school.
(Sumiy vale)	Additional evaluation needed at this school and several others, as well as at
	other residences and commercial buildings in nearby neighborhoods.
Former AMD 915 DeGuigne	On-property building tested but will evaluate previous testing methods and
Drive (Sunnyvale)	sampling results according to EPA's December 2013 VI guidelines.
	Prospective Durcheser agreement in process
Former AMD/Monolithic	Prospective Purchaser agreement in process. On-property building tested and mitigation necessary (in progress).
Memories, 1165/1175 East	On-property building tested and mitigation necessary (in progress).
Arques Avenue (Sunnyvale)	Annual testing at a nearby school that was impacted by a 2005 PCE spill.
	Most recent results are well below EPA's screening levels, however, will
	evaluate testing methods according to EPA's December 2013 VI guidelines.
Former National Semiconductor /	On-property buildings tested. Low levels of VI occurring but under screening
Texas Instruments	levels. Mitigation work proposed to address low level VI (currently in
(Santa Clara & Sunnyvale)	progress).
	Workplan submitted for off-property evaluation (under review).
Former Fairchild Semiconductor,	VI evaluation of on- and off-property buildings in progress.
101 Bernal Road (San Jose)	
Hewlett Packard, 620-640 Page	Commercial building evaluations ongoing.
Mill Road / COE Study Area (Palo Alto)	Phase one residential sampling complete (no VI detected in living areas).
(Faio Aito)	Workplan addendum approved for phase two residential sampling in colder
	weather. Sampling complete & VI detected in sub-grade garages & elevator
	shafts. EPA to work with RPs on completing sampling in highest risk areas.
Intersil/Siemens	Commercial building evaluations ongoing.
(Sunnyvale & Cupertino)	
	Two rounds residential sampling completed in nearby neighborhoods (no VI
	detected except for one household with possible indoor source). RPs
Teledyne Semiconductor /	requesting approval for no-further-action finding. Commercial building evaluations ongoing. One building exceeded screening
Spectra-Physics	levels & mitigation in progress.
(Mountain View)	10 1015 & Indigation in progress.
	Two rounds residential sampling completed in nearby neighborhoods and two
	households required mitigation systems (one home above short-term TCE
	action level & mitigation expedited). Remaining homes generally show low-
	level VI under screening levels.
Synertek Bldng 1 (Santa Clara)	VI evaluation of on- and off-property buildings in progress.